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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/588,955	08/10/2006	Erick Meillot	294486US0PCT	9731
22850	7590	08/17/2010	EXAMINER	
OBLON, SPIVAK, MCCLELLAND MAIER & NEUSTADT, L.L.P. 1940 DUKE STREET ALEXANDRIA, VA 22314			MAYEKAR, KISHOR	
			ART UNIT	PAPER NUMBER
			1795	
			NOTIFICATION DATE	DELIVERY MODE
			08/17/2010	ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/588,955	MEILLOT ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Kishor Mayekar	1795	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on \_\_\_\_.
- 2a) This action is **FINAL**.                            2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-27 is/are pending in the application.
  - 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_ is/are allowed.
- 6) Claim(s) 1-27 is/are rejected.
- 7) Claim(s) \_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.
 

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All    b) Some \* c) None of:
    1. Certified copies of the priority documents have been received.
    2. Certified copies of the priority documents have been received in Application No. \_\_\_\_.
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. ____ .
3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)	5) <input type="checkbox"/> Notice of Informal Patent Application
Paper No(s)/Mail Date <u>11/06</u> .	6) <input type="checkbox"/> Other: ____ .

## DETAILED ACTION

### ***Specification***

1. The abstract of the disclosure is objected to because it is not limited to a single paragraph on a separate sheet within the range of 50 to 150 words.. Correction is required. See MPEP § 608.01(b).
  
2. The disclosure is objected to because of the following informalities:
  - o the term “figure” in pages 14, 15, 17 and 22 needs to amended as --Figure--;
  - o typo error in the phrase “gaz” in page 18; and
  - o the injection probe 23' as disclosed in page 20 is not shown in Fig. 2Appropriate correction is required.
  
3. The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

### ***Claim Objections***

4. Claims 1-27 are objected to because of the following informalities:

o in claim 1, the missing --and-- between the last 2 steps;  
o in claims 2-10 and 12-27, the recitation "characterised in that" needs to be amended

to better conform with standard U.S. practice;

o in claim 8, the recitation "chemical treatment for gas emerging" needs to be

amended as --chemical treatment of the gas emerging--;

o in claim 9, the recitation "desulphurisation" needs to be amended as --desulphurization--;

o in claim 11, the recitation "the said" needs to be amended as --the--;

o in claim 16, the recitation "over-pressurisation" needs to be amended as

as

--over-pressurization--; and

o in claim 27, the recitation "desulphurisation" needs to be amended as --desulphurization--.

Appropriate correction is required.

#### ***Claim Rejections - 35 USC § 112***

5. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

6. Claims 1, 7, 11 and 17 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 1, the recitation "introduction of this mixture ... into the coil" is confusing as to its meaning. The recitation "the gas" in the last step is confusing as whether the recited gas is after the recombination or else.

In claim 7, the claim is indefinite for depending on itself.

In claim 11, the means of introducing" (three occurrences) is confusing as being **not** in the format "means plus function" as required by 35 U.S.C. 112, sixth paragraph. The recitation "air and/or oxygen" is confusing since air contains oxygen in the recitation "air and oxygen".

In claim 17, the recitation "waste" lacks antecedent basis or is confusing.

#### ***Allowable Subject Matter***

7. Claims 1-27 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph and the claim objections, set forth in this Office action.

8. The following is a statement of reasons for the indication of allowable subject matter: Because the prior art references do not disclose

in a thermal destruction process for at least one organic or halogenated organic product in liquid, gaseous or powder form the recited steps of mixing, initial thermal destruction operation, second thermal destruction operation and recombination in addition to the recited last step of discharge as claimed in claims 1-10; and

in a thermal destruction device for at least one organic or halogenated organic product in liquid, gaseous or powder form the recited means for introducing plasmagenic gases, means for introducing a mixture, device means for introducing oxygen-containing gas into the stirring device and device that allows recombination as claimed in claims 11-27.

### ***Conclusion***

9. Claims 1-27 are rejected.

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kishor Mayekar whose telephone number is (571) 272-1339. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nam Nguyen can be reached on (571) 272-1342. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.